Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start		Rating **	M	Issue No.		38	
LM End		Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	de/Longitude	
Category			Start		End		
Item Flood Preparedness & Training				0		0	
					0		0
DWR ID	DWR ID DWR_RD0536_01_s _ 2012_38						
		Comn	nent Cod	le			
		Inspecto	or Comm	ent			
The District does not have a staff only land owners.							

No Photos

LM Start		Rating **	М	Issue No.		39		
LM End		Issue Type +	Ма	Location *		WS		
Category	Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End		
Operations & Maintenance				0		0		
пеш	Manuals	lanuals			0		0	
DWR ID	DWR ID DWR_RD0536_01_s _ 2012_39							
		Comn	nent Cod	le				
		Inspecto	or Comm	nent				
District needs to get a copy of the O&M manual.								

No Photos

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start		Rating **	М	Issue No.		40	
LM End		Issue Type +	Ма	Location *		WS	
Category Earthen Levee			GPS La	atitud	le/Longitude		
			Start		End		
Itom	Item Emergency Supplies & Equipment				0		0
пеш					0		0
DWR ID	DWR_RD0	536_01_s _ 201	2_40				
		Comn	nent Cod	le			
Inspector Comment							
The distric	t should ke	eep a supply o	of floodfig	ght materia	ls.		

No Photos

LM Start	0.00	Rating **	U	Issue No.		66	
LM End	0.00	Issue Type + Ma		Location *		WS	
Category				GPS Latitude/Longitude			
Calegory	Calegory			Start		End	
Item	DWR UC	IP LMA Respo	nsibility	38.24496	3°	38.244963 °	
пеш	•			-121.76896	° 08	-121.768960 °	
DWR ID							

Comment Code

Inspector Comment

FS_ID:50161 DS_ID:22712 EP_NO: 10114 Repair Type: Urgent Crossing Status: Found

UCIP Comments: 06/01/2016: Holes and heavy corrosion inside pipe on WS have gotten worse. Flapgates appear in good condition though vegetation blocks view of flapgate for 36-inch on WS. These pipes are still in use and necessary for drainage; pipes may be eligible for repair under DWR Deferred Maintanence Program. (K. Fazel -

UCIP)08/13/2013:- Holes in pipe outlet due to heavy corrosion.-Needs detailed investigation of the pipe.- Headwall cracked and tilted on WS. (P. Amatya - DWR)

FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) and headwall on the WS and landside (LS). Culverts run under the road to provide drainage from agricultural fields to Lindsey Slough. RD0536 president is David Hearn at hearnd5@gmail.com. (Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - Patterson) [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953 (Station 294+49)].

FS Date: 6/1/2016



WS view: two CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (left) and 60" CMP (right).

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.		66 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		WS	
Supplemental				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	DWR UC	IP LMA Respo	onsibility	38.2449	63 °	38.244963 °	
пеш				-121.7689	60°	-121.768960 °	
DWR ID						·	

Inspector Comment

Comment Code

FS_ID:50161 DS_ID:22712 EP_NO: 10114 Repair Type: Urgent Crossing Status: Found

UCIP Comments: 06/01/2016: Holes and heavy corrosion inside pipe on WS have gotten worse. Flapgates appear in good condition though vegetation blocks view of flapgate for 36-inch on WS. These pipes are still in use and necessary for drainage; pipes may be eligible for repair under DWR Deferred Maintanence Program. (K. Fazel -

UCIP)08/13/2013:- Holes in pipe outlet due to heavy corrosion.-Needs detailed investigation of the pipe.- Headwall cracked and tilted on WS. (P. Amatya - DWR)

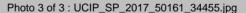
FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) and headwall on the WS and landside (LS). Culverts run under the road to provide drainage from agricultural fields to Lindsey Slough. RD0536 president is David Hearn at hearnd5@gmail.com. (Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - Patterson) [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953 (Station 294+49)].

FS Date: 6/1/2016

LM Start	0.00	Rating **	U	Issue No.	66 (cont)
I M End	0.00	Issue Type +	Ma	Location *	WS



LS view: two inlet CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (right) and 60" CMP (left).





LS view: holes & cracks on CM pipe due to heavy corrosion. Needs detailed investigation of the pipe.

** Rating

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy
Ob: Design & System Obsolescence
En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	0.00	Rating **	U	Issue No.	67		
LM End	0.00	Issue Type +	Ма	Location *	WS		
Category				GPS Latitude/Longitude			
Calegory				Start		End	
Item	DWR UC	DWR UCIP LMA Responsibility			59°	38.244959 °	
пеш			-121.76892	21 °	-121.768921 °		
DWR ID						·	
Comment Code							

Inspector Comment

FS_ID:50160 DS_ID:22726 EP_NO: 10114 Repair Type: Urgent Crossing Status: Found

UCIP Comments: 06/01/2016 Pipe is not abandoned. Though neglected, it is still functional and a needed system feature. Pipe is severly corroded with holes in it, which are visible on LS. Vegetation blocks view of flapgate on WS. Pipes may be eligible for repair under DWR Deferred Maintanence Program. (K. Fazel - UCIP)08/13/2013 This pipe seems to be abandoned. Headwall cracked and tilted on WS. (P. Amatya)

FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through levee, 10 feet below the crown. Flap gate on the waterside (WS) and headwall on the WS and landside (LS). Culverts run under the road to provide drainage from agricultural fields (via LS ditch) to Lindsey Slough. RD0536 president is David Hearn at hearnd5@gmail.com. (Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - Patterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M manual 106, May 1953 (Station 294+49)].

FS Date: 6/1/2016

LM Start	0.00	Rating **	U	Issue No.	67 (cont)
LM End	0.00	Issue Type +	Ma	Location *	WS



WS view: concrete headwall, flap gates on 36" CMP (left) and 60" CMP (right)

Photo 2 of 3: UCIP_SP_2017_50160_34770.jpg



WS view: cracked and tilted concrete headwall.

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

C: Corrected Ob: Design & System Obsolescence

C: Corrected AW: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiancy

Ob: Design & System Obsolescence

En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	0.00	Rating **	ing ** U Issue N			67 (cont)
LM End	0.00	Issue Type + Ma		Location *		WS
Category				GPS Lat	tituc	le/Longitude
Calegory				Start		End
Item	DWR UCI	DWR UCIP LMA Responsibility			9°	38.244959 °
item				-121.76892	1°	-121.768921 °
DWR ID						

Inspector Comment

Comment Code

FS_ID:50160 DS_ID:22726 EP_NO: 10114 Repair Type: Urgent Crossing Status: Found

UCIP Comments: 06/01/2016 Pipe is not abandoned. Though neglected, it is still functional and a needed system feature. Pipe is severly corroded with holes in it, which are visible on LS. Vegetation blocks view of flapgate on WS. Pipes may be eligible for repair under DWR Deferred Maintanence Program. (K. Fazel - UCIP)08/13/2013 This pipe seems to be abandoned. Headwall cracked and tilted on WS. (P. Amatya)

FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through levee, 10 feet below the crown. Flap gate on the waterside (WS) and headwall on the WS and landside (LS). Culverts run under the road to provide drainage from agricultural fields (via LS ditch) to Lindsey Slough. RD0536 president is David Hearn at hearnd5@gmail.com. (Automatic Board Order (ABO) issued as Permit No. 10114, 1974 - Patterson). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M manual 106, May 1953 (Station 294+49)].

FS Date: 6/1/2016



LS view: concrete headwall, 36" CMP (right) and 60" CMP (left)

LM Start	0.02	Rating **	М	Issue No.		18			
LM End	2.90	Issue Type +	Ma	Location *	LS				
Category	Category Earthen Levee			Earthen Levee			GPS La	titud	le/Longitude
Category				Start		End			
Item	Vegetatio	n		38.2449	17°	38.255787 °			
пеш			-121.7685	33 °	-121.734500 °				
DWR ID DWR_RD0536_01_s _ 2017_18									
Comment Code									

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Control the annual grasses from the levee slope.

Photo 1 of 1: SP_2017_RD0536_208_18_20170519_00045.jpg



RD 536 Unit 1 looking downstream from levee mile 0.02.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	0.03	Rating **	М	Issue No.		19	
LM End	3.28	Issue Type +	Ma	Location *	WS		
LIVI ENG		71	ivia				
Category	Earthen L	.evee		GPS L	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio		38.2449	63°	38.256530 °		
пеш				-121.7684	63°	-121.728380 °	
DWR ID DWR_RD0536_01_s _ 2017_19							
		Comn	nent Cod	de			
V1 : Contr	ol annual g	grass and wee	ds on th	e levee slo	pes a	and	
easements	3.						
		Inspecto	or Comm	nent			
Control the annual grasses on the landside slope.							



RD 536 Unit 1 looking downstream from levee mile 0.03.

LM Start	0.04	Rating **	М	Issue No.		21		
LM End	0.55	Issue Type +	Ма	Location *	CR			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Crown Su	38.2449	63 °	38.248155 °				
item	Rutting			-121.7681	70°	-121.761013°		
DWR ID DWR_RD0536_01_s _ 2017_21								
		Comn	nent Cod	le				
C2 : Repai	r depressi	ons or ruts in	the crow	n or slope.				
Inspector Comment								

No Photos

LM Start	0.25	Rating **	М	Issue No.		22	_
				Location *			_
LM End	0.25	Issue Type +	Ма	Location		WS	
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Catogory		Start		End			
ltem Encroachments				38.2454	63°	38.245463	0
пеш				-121.7645	28°	-121.764528	0
DWR ID DWR_RD0536_01_s _ 2014_22							
		Comn	nent Cod	le			
PR : Pruni	ngs						
		Inspecto	or Comm	nent			
Remove th	ne tree bra	nches from th	e waters	ide slope.			

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	0.31	Rating **	A/W	Issue No.		68
LM End	0.31	Issue Type + Ma		Location *		WS
Category	Supplemental			GPS La	atitud	le/Longitude
Calegory	gory					End
Item	DWR UCIP LMA Responsibility			38.2456	05 °	38.245605 °
пеш				-121.7634	41 °	-121.763441 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:49313 DS_ID:22713 EP_NO: 10114

Repair Type: No Action Needed

Crossing Status: Found

UCIP Comments: 06/01/2016 Debris cleared and flapgate is no longer blocked. 08/13/2013 Outlet was blocked by concrete debri and dirt.Needs cleaning of debri.

FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10.5 feet the below crown. Flap gate on the waterside (WS). This crossing is also used for irrigation. 1-inch polyvinyl chloride (PVC) pipe sleeved through 24-inch pipe visible through the landside (LS) end. According to David Hearn, district president, the PVC pipe does not connect all the way through. Present (as of 2016) landowner is Solano Land Trust and the pipe runs through the Jepson Prairie Reserve managed by University of California, Davis. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953 (Station 274+00)]. O&M Manual lists two headwalls with this crossing, both of which were not found in 2013 or 2016 (though concrete debris found on WS slope).

FS Date: 6/1/2016

LM Start	0.31	Rating **	A/W	Issue No.	68 (cont)
LM End	0.31	Issue Type +	Ma	Location *	WS

Photo 1 of 3: UCIP_SP_2017_49313_34774.jpg



WS view: overview of exposed CM pipe on levee slope.

Photo 2 of 3: UCIP_SP_2017_49313_34773.jpg



WS view: CM pipe blocked by concrete debri on levee slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	0.31	Rating **	A/W	Issue No.		68 (cont)
LM End	0.31	Issue Type + Ma		Location *		WS
Category	Suppleme	ental		GPS La	atitud	le/Longitude
Calegory				Start		End
Item	DWR UC	IP LMA Respo	onsibility	38.2456	05°	38.245605 °
пеш				-121.7634	41 °	-121.763441 °
DWR ID						

Comment Code

Inspector Comment

FS_ID:49313 DS_ID:22713 EP_NO: 10114

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments: 06/01/2016 Debris cleared and flapgate is no longer blocked. 08/13/2013 Outlet was blocked by concrete debri and

dirt.Needs cleaning of debri.

FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10.5 feet the below crown. Flap gate on the waterside (WS). This crossing is also used for irrigation. 1-inch polyvinyl chloride (PVC) pipe sleeved through 24-inch pipe visible through the landside (LS) end. According to David Hearn, district president, the PVC pipe does not connect all the way through. Present (as of 2016) landowner is Solano Land Trust and the pipe runs through the Jepson Prairie Reserve managed by University of California, Davis. [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual 106, May 1953 (Station 274+00)]. O&M Manual lists two headwalls with this crossing, both of which were not found in 2013 or 2016 (though concrete debris found on WS slope).

Photo 3 of	3 : UCIP_SF	2017_493	313_34772	.jpg
	4.5		3.00	
			ALL SECTION	
				# W
				1
W TEXT		My Mi		
ANT NI				

LS view: open CM pipe end on levee slope.

	0.00	Rating **	N 4	Issue No.		22	_
LM Start	0.62	Rating	M	issue ivo.		23	
LM End	5.57	Issue Type +	Ma	Location *		CR	
Category Earthen Levee			GPS La	atitud	e/Longitude		
Calegory	ГУ		Start		End		
Item	Vegetatio	n		38.2489	67°	38.245588	0
пеш				-121.7603	85 °	-121.697610	٥
DWR ID	DWR_RD0	536_01_s _ 201	7_23				
		_					

Comment Code

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

Keep the crown roadway free of vegetation.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	0.67	Rating **	М	Issue No.		3			
LM End	0.98	Issue Type +	Ma	Location *		WS			
Category	ental	GPS La	titud	e/Longitude					
Calegory	Category					End			
Item	2015 USACE Erosion Survey,			38.2496	15°	38.253717 °			
пеш	DRAFT			-121.76016	65 °	-121.757979°			
DWR ID	DWR_RD0	536_01_f _ 201	6_3						
		Comn	nent Cod	le					

Inspector Comment

2011 - Multiple sections of slumping bank. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: LDS_0-6_R]

LM Start	1.10 Rating ** A/W I		Issue No.		69			
LM End	1.10) Issue Type + Ma L		Location *		WS		
Category				GPS Latitude/Longitude				
Calegory				Start		End		
Item	DWR UCI	P LMA Respo	nsibility	38.2554	12°	38.255412 °		
пеш				-121.7576	05 °	-121.757605 °		
DWR ID								

Comment Code

Inspector Comment

FS_ID:20444 DS_ID:22715 EP_NO: 10115

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments: Pipe was submerged into water and not visible. Steel bar fence on both sides of the levee.

FIELD_STRUCT_DESC: 42-inch corrugated metal pipe through levee 22.5 feet below crown. Screw gate on waterward end (ABO 10115, 1974). Originally included in the 1953 O&M manual, Sac 106, May 1953

FS Date: 8/13/2013

No Photos



WS view: slide gate, concrete headwall in the channel. Pipe submerged into water.

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type
Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	1.10	0 Rating ** A/W		Issue No.		69 (cont)
LM End	1.10	Issue Type + Ma		Location *		WS
Category	Suppleme	ental		GPS La	titud	e/Longitude
Calegory				Start		End
Item	DWR UCI	P LMA Respo	onsibility	38.2554	12°	38.255412°
пеш				-121.75760	05 °	-121.757605°
DWR ID						

Comment Code

Inspector Comment

FS_ID:20444 DS_ID:22715 EP_NO: 10115

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments: Pipe was submerged into water and not visible. Steel

bar fence on both sides of the levee.

FIELD_STRUCT_DESC: 42-inch corrugated metal pipe through levee 22.5 feet below crown. Screw gate on waterward end (ABO 10115, 1974). Originally included in the 1953 O&M manual, Sac 106, May

1953.

FS Date: 8/13/2013



LS view: concrete headwall in the channel/irrigation ditch. Pipe submerged into water.

LM Start	1.35	Rating **	M	Issue No.		47		
LM End	1.55	Issue Type +	Ma	Location *		CR		
Category Earthen Levee				GPS Latitude/Longitude				
Category				Start		End		
Itom		rface / Depres	ssions /	38.2589	30°	38.258637	0	
iteiii	Item Rutting			-121.7570	85 °	-121.753397	0	
DWR ID	WR ID DWR_RD0536_01_f _ 2014_47							
		0		la				

Comment Code

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

Add appropriate gravel to the crown roadway.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	2.69	Rating **	U	Issue No.		56	
LM End	2.71	Issue Type +	Ma	Location *		CR	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Crown Surface / Depressions /			38.255197°		38.254973 °		
пеш	Rutting			-121.73793	32 °	-121.737577°	
DWR ID DWR_RD0536_01_f _ 2014_56							
Comment Code							
C2 · Panai	C2 : Panair depressions or rute in the crown or slope						

C2 : Repair depressions or ruts in the crown or slope.

Inspector Comment

District need to monitor the levee crown roadway at this location. There are some issues here.

LM Start	2.69	Rating **	U	Issue No.	56 (cont)
LM End	2.71	Issue Type +	Ma	Location *	CR



RD 536 Unit 1 looking downstream from 2.69 to levee mile 2.71.

Photo 2 of 4: SP_2017_RD0536_208_56_20170404_00010.jpg



RD 536 Unit 1 levee mile 2.69 another angle of the subsidence.

LM Start	2.69	Rating **	U	Issue No.	56 (cont)
LM End	2.71	Issue Type +	Ma	Location *	CR



RD 536 Unit 1 levee mile 2.69-2.71 there is a settling issue going on here at this levee site.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS : Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	2.69	Rating **	U	Issue No.	56 (cont)		
LM End	2.71	Issue Type +	Ma	Location *	CR		
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Itom	Item Crown Surface / Depressions / Rutting			38.255197°		38.254973 °	
пеш				-121.737932 °		-121.737577°	
DWR ID	/R ID DWR_RD0536_01_f _ 2014_56						
		Comn	nent Cod	le			
C2 : Repai	ir depressi	ons or ruts in	the crow	n or slope.			
Inspector Comment							
District need to monitor the levee crown roadway at this location. There							
are some issues here.							

Photo 4 of 4 : SP_2017_RD0536_208_56_20170519_00047.jpg

RD 536 Unit 1 looking downstream from levee mile 2.69 to 2.71.

LM Start	2.74	Rating **	М	Issue No.		62	
LM End	2.74	Issue Type +	Ма	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Trim / Thi	n Trees		38.254927°		38.254927°	
пеш				-121.7371	39°	-121.737138°	
DWR ID	DWR_RD0536_01_s _ 2014_62						
Comment Code							

T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

NΙΩ	Dhotos

LM Start	2.90	Rating **	U	Issue No.		27		
LM End	3.66	Issue Type +	Ма	Location *		LS		
Category Earthen Levee			GPS Latitude/Longitude					
Calegory			Start		End			
Vegetation			38.25578	37°	38.252713 °			
Item				-121.73450	00°	-121.726478 °		
DWR ID	R ID DWR_RD0536_01_s _ 2017_27							
Comment Code								

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	2.95	Rating **	М	Issue No.		63		
LM End	2.95	Issue Type +	Ма	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Trim / Thi	n Trees		38.2560	98°	38.256098°		
пеш	;tt1			-121.733720 °		-121.733720°		
DWR ID DWR_RD0536_01_s _ 2014_63								
		Comn	nent Coo	le				
T3 : Trim a flood fight.	T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.							
	Inspector Comment							
Spray the wild roses from the waterside slope.								

No Photos

LM Start	3.71	Rating **	М	Issue No.		28
LM End	3.78	Issue Type +	Ma	Location *		LS
Category	Earthen L	.evee		GPS La	atitud	e/Longitude
Category				Start Er		End
Item	Vegetatio	n		38.2520	83 °	38.251197°
пеш				-121.7263	33 °	-121.725697 °
DWR ID	DWR_RD0	536_01_s _ 201	7_28			
Comment Code						
V/4 O 1 -			de en de			

No Photos

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	3.71	Rating **	U	Issue No.		29		
LM End	4.37	Issue Type +	Ma	Location *		WS		
Earthen Levee				GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Vegetatio	Vegetation			83°	38.248578 °		
пеш				-121.726333 ° -121		-121.716085 °		
DWR ID	DWR_RD0	536_01_s _ 201	7_29					
		Comn	nent Cod	de				
V2 : Remo	V2 : Remove the wild growth other than native grasses from the levee slopes.							
Inspector Comment								
Remove the tall weeds from the levee slope and toe.								



RD 536 Unit 1 looking downstream from levee mile 3.71-4.37 waterside slope.

LM Start	3.78	Rating **	U	Issue No.		30
LM End	4.70	Issue Type +	Ma	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start End		End
Item	Vegetatio	n		38.2511	97°	38.247307°
item						-121.711675 °
DWR ID DWR_RD0536_01_s _ 2017_30						
		C		l_		

Comment Code

V2: Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Remove the wild vegetation on the landside slope.



Rating

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	3.92	Rating **	A/W	Issue No.		71
LM End	3.92	Issue Type +	Ма	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
Calegory				Start End		
Item	DWR UC	IP LMA Respo	nsibility	38.25078	31 °	38.250781 °
пеш				-121.72327	72 °	-121.723272 °
DWR ID						
	Comment Code					

Inspector Comment

FS_ID:20503 DS_ID:22718 EP_NO: 10116

Repair Type: No Action Needed Crossing Status: Found

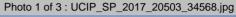
UCIP Comments: Vortex seen on WS. Water flow seen on LS.Saddle, apron, and headwall not visible. Inlet and outlet pipe-ends are

submerged into water.

FIELD_STRUCT_DESC: 54-inch corrugated metal drainpipe through levee 30.0 feet below crown. Screw gate in pipe riser on waterward slope (ABO 10116, 1974). Saddle, apron, headwall, 2 corrugated metal cut-off walls, 1 no. 101 gate and 1 no. 102 gate. Originally included in the 1953 O&M manual, Sac 106, May 1953.

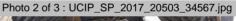
FS Date: 8/13/2013

LM Start	3.92	Rating **	A/W	Issue No.	71 (cont)
LM End	3.92	Issue Type +	Ma	Location *	LS





WS view: CMP riser with slide gate on levee slope. Water channel on background.





WS view: closer view of slide gate in CMP riser on levee slope.

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	3.92	Rating **	A/W	Issue No.	71 (cont)		
LM End	3.92	Issue Type +	Ма	Location *	LS		
Category	Suppleme	ental		GPS Latitude/Longitude			
Calegory				Start End			
Item	DWR UC	P LMA Respo	nsibility	38.25078	31 °	38.250781 °	
пеш				-121.72327	'2	-121.723272 °	
DWR ID							
	Comment Code						

Inspector Comment

FS_ID:20503 DS_ID:22718 EP_NO: 10116

Repair Type: No Action Needed Crossing Status: Found

UCIP Comments: Vortex seen on WS. Water flow seen on LS.Saddle, apron, and headwall not visible. Inlet and outlet pipe-ends are

submerged into water.

FIELD_STRUCT_DESC: 54-inch corrugated metal drainpipe through levee 30.0 feet below crown. Screw gate in pipe riser on waterward slope (ABO 10116, 1974). Saddle, apron, headwall, 2 corrugated metal cut-off walls, 1 no. 101 gate and 1 no. 102 gate. Originally included in

the 1953 O&M manual, Sac 106, May 1953.

FS Date: 8/13/2013



WS view: closer view of slide gate in CMP riser on levee slope. Air vent attached to the wall of CMP (left).

LM Start	4.08	Rating **	М	Issue No.		31	
LM End	4.10	Issue Type +	Ma	Location *	CR		
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Crown Surface / Depressions /			38.2502	98 °	38.250328 °	
пеш	Rutting			-121.720523 °		-121.720010 °	
DWR ID	DWR_RD0	536_01_s _ 201	7_31				
		Comn	nent Coo	le			
C2 : Repai	ir depressi	ons or ruts in	the crow	n or slope.			
	Inspector Comment						

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	4.39	Rating **	M	Issue No.		32
LM End	4.96	Issue Type +	Ma	Location *		WS
Catagony	Earthen Levee					e/Longitude
Calegory	Category					End
Item	Vegetatio	n		38.2486	63°	38.245628 °
пеш				-121.7157	65 °	-121.708200 °
DWR ID	DWR_RD0	536_01_s _ 201	7_32			
		Comn	nent Cod	le		
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slo	oes a	and
easements	S.					
		Inspecto	or Comm	nent		

No Photos

LM Start	4.76	Rating **	М	Issue No.		33	
LM End	4.81	Issue Type +	Ma	Location *		LS	
Category	Earthen L	.evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		38.2465	83°	38.245970	0
пеш				-121.7112	75 °	-121.710575	0
DWR ID	DWR_RD0	536_01_s _ 201	7_33				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	4.81	Rating **	U	Issue No.		34
LM End	4.96	Issue Type +	Ма	Location *		LS
Category Earthen Levee				GPS Lat	itud	e/Longitude
Calegory				Start		End
Item	Vegetatio	n		38.24597	0°	38.245628 °
item				-121.71057	5°	-121.708200 °
DWR ID	DWR_RD0	536_01_s _ 201	7_34			
		_				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove the wild weed growth from the landside slope and toe.

Photo 1 of 1: SP_2017_RD0536_208_34_20170519_00051.jpg



RD 536 Unit 1 levee mile 4.81-4.96 landside levee slope.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	4.83	Rating **	М	Issue No.		35
LM End	5.57	Issue Type +	Ma	Location *		CR
Category	evee	GPS La	atitud	le/Longitude		
Category				Start		End
Item		rface / Depres	ssions /	38.2458	13°	38.245588 °
пеш	Rutting			-121.7103	07°	-121.697605 °
DWR ID	DWR_RD0	536_01_s _ 201	7_35			
		Comn	nent Cod	le		
C2 : Repai	r depressi	ons or ruts in	the crow	n or slope.		
		Inspecto	or Comm	nent		

No Photos

LM Start	4.94	Rating **	М	Issue No.		4
LM End	4.95	Issue Type +	Ma	Location *		WS
Category			GPS Lat	ituc	le/Longitude	
Category			Start		End	
Item		ACE Erosion S	Survey,	38.24558	1°	38.245667 °
пеш	DRAFT		-121.70860	5°	-121.708327°	
DWR ID	DWR_RD0536_01_f _ 2016_4					
	Comment Code					

No Photos

Inspector Comment

2011 - Multiple erosion pockets from tree popouts. A smaller erosion pocket in the middle of a failing bank repair. Pump structure at the downstream end may be contributing to the erosion. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: LDS_0-8_R]

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

LM Start	5.00	Rating **	М	Issue No.		6	
LM End	5.05	Issue Type +	Ma	Location *		WS	
Category	Supplemental			GPS Latitude/Longitude			
Calegory				Start		End	
Item		ACE Erosion S	Survey,	38.2459	81 °	38.246326	0
пеш	DRAFT			-121.7076	09 °	-121.706737	0
DWR ID	DWR_RD0	6_6					
		Comn	nent Cod	de			

Inspector Comment

2011 - Levee toe is unraveling with large slumping sections. This site is downstream of old bank rock. 2012 - Erosion pocket has increased in size. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: LDS_0-7_R]

No Photos



RD 536 Unit 1 levee mile 5.17-5.39.

Photo 1 of 1: SP_2017_RD0536_208_26_20170519_00052.jpg

LM Start	5.17	Rating **	U	Issue No.		65	
LM End	5.39	Issue Type +	Ма	Location *		LS	
Category	Earthen L	GPS Latitude/Longitude					
Calegory				Start		End	
Item	Vegetatio	n		38.2453	00°	38.245742	0
пеш				-121.7049	09°	-121.700893	0
DWR ID	DWR_RD0536_01_s _ 2014_65						

Comment Code

V7: Trees / Woody Vegetation

Inspector Comment

These young oak trees need to be removed from the landward slope and shoulder before they get any larger.

LM Start	5.20	Rating **	U	Issue No.		26	
LM End	5.57	Issue Type +	Ma	Location *		WS	
Catagony	Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Vegetatio	n		38.2452	72 °	38.245613 °	
пеш				-121.7044	60 °	-121.697740 °	
DWR ID	DWR_RD0536_01_f _ 2016_26						
		0		1.			

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements

Inspector Comment

Control the wild grasses on the waterside levee slope.





RD 536 Unit 1 Levee mile 5.41-5.57 waterside slope and shoulder.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.58	04/11/2017 04/11/2017	Herman Phillips

A: Acceptable
M: Minimally Acceptable
U: Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy

Ob : Design & System Obsolescence

En : Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2017 04/11/2017	Herman Phillips

LM Start	0.00	Rating **	Α	Issue No.		14		
LM End	0.09	Issue Type +	Ma	Location *		LS		
Cotogony	Earthen L	evee		GPS La	titud	le/Longitude		
Category						End		
ltom	ltem Vegetation			38.2455	83 °		0	
пеш				-121.6974	75 °		0	
DWR ID DWR_RD0536_02_s _ 2017_14								
		Comn	nent Cod	de				
V1 : Contro	ol annual g	grass and wee	ds on th	e levee slop	es	and		
easements	S.							
Inspector Comment								

No Photos

LM Start	0.09	Rating **	U	Issue No.		13	
LM End	4.99	Issue Type +	Ма	Location *		LS	
Category Earthen Levee			GPS Latitude/Longitude				
Calegory			Start		End		
Item	Vegetatio	n		38.244245 °		38.198783 °	
пеш				-121.696995 °		° -121.710020	
DWR ID DWR_RD0536_02_s _ 2017_13							
Comment Code							

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Remove the wild weed growth from the landside levee shoulder and slope.

Photo 1 of 1: SP_2017_RD0536_209_13_20170519_00015.jpg



RD 536 Unit 2 levee mile 0.09-4.99 Landside slope.

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2017 04/11/2017	Herman Phillips

LM Start	0.10	Rating **	U	Issue No.		7	
LM End	4.38	Issue Type +	Ma	Location *		WS	
Cotogon Earthen Levee			GPS La	atitud	le/Longitude		
Category			Start		End		
Item	Vegetation			38.244210°		38.196720°	
пеш				-121.696975 °		-121.699200 °	
DWR ID	DWR_RD0	536_02_s _ 201	7_7				
Comment Code							
V1 : Control annual grass and weeds on the levee slopes and easements.							

Inspector Comment

Remove the unsatisfactory wild growth of vegetation from the waterside slope and toe.



LM Start	0.10	Rating **	U	Issue No.		10		
LM End	5.01	Issue Type +	Ма	Location *		Location *		CR
Category Earthen Levee			GPS Latitude/Longitude					
				Start		End		
Item	Vegetation			38.2440	83°	38.198750 °		
iteiii			-121.696923 °		-121.710381 °			
DWR ID DWR_RD0536_02_s _ 2017_10								
		_						

Comment Code

V9: Keep the crown roadway free of vegetation.

Inspector Comment

Keep the crown roadway free of vegetation.

Photo 1 of 1 : SP_2017_RD053	6_209_10_20170519_00018.jpg
A WAY	

RD 536 Unit 2 levee mile 0.10-4.99.

LM Start	0.84	Rating **	М	Issue No.	Issue No.				
LM End	2.20	Issue Type +	Ma	Location *	_ocation *		CR		
Category Earthen Levee			GPS Latitude/Longitude						
Calegory		Start		End					
Item	Crown Surface / Depressions /			38.2334	67°	38.214050	0		
пеш	Rutting		-121.6980	07°	-121.693725	0			
DWR ID	WR ID DWR_RD0536_02_f _ 2012_16								
Comment Code									

C3 : Add appropriate gravel or road base. Grade and compact.

Inspector Comment

Crown need more gravel.

* Location	** Rating		+ Issue Type
LS: Land Side N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiancy
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En: Enforcement

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	5.01	04/11/2017 04/11/2017	Herman Phillips

LM Start	4.98	Rating **	М	Issue No.		19	
LM End	5.01	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory			Start		End		
Item	Vegetatio	n		38.1987	'82 °	38.198750 °	
пеш		-121.709855 °		-121.710381 °			
DWR ID DWR_RD0536_02_s _ 2017_19							
		Comn	nent Cod	de			
V1 : Contro easements		grass and wee	ds on th	e levee slo	pes a	and	
		Inspecto	or Comm	nent			
Control the annual grasses and weeds on the waterside slope.							

No Photos

Rating A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement